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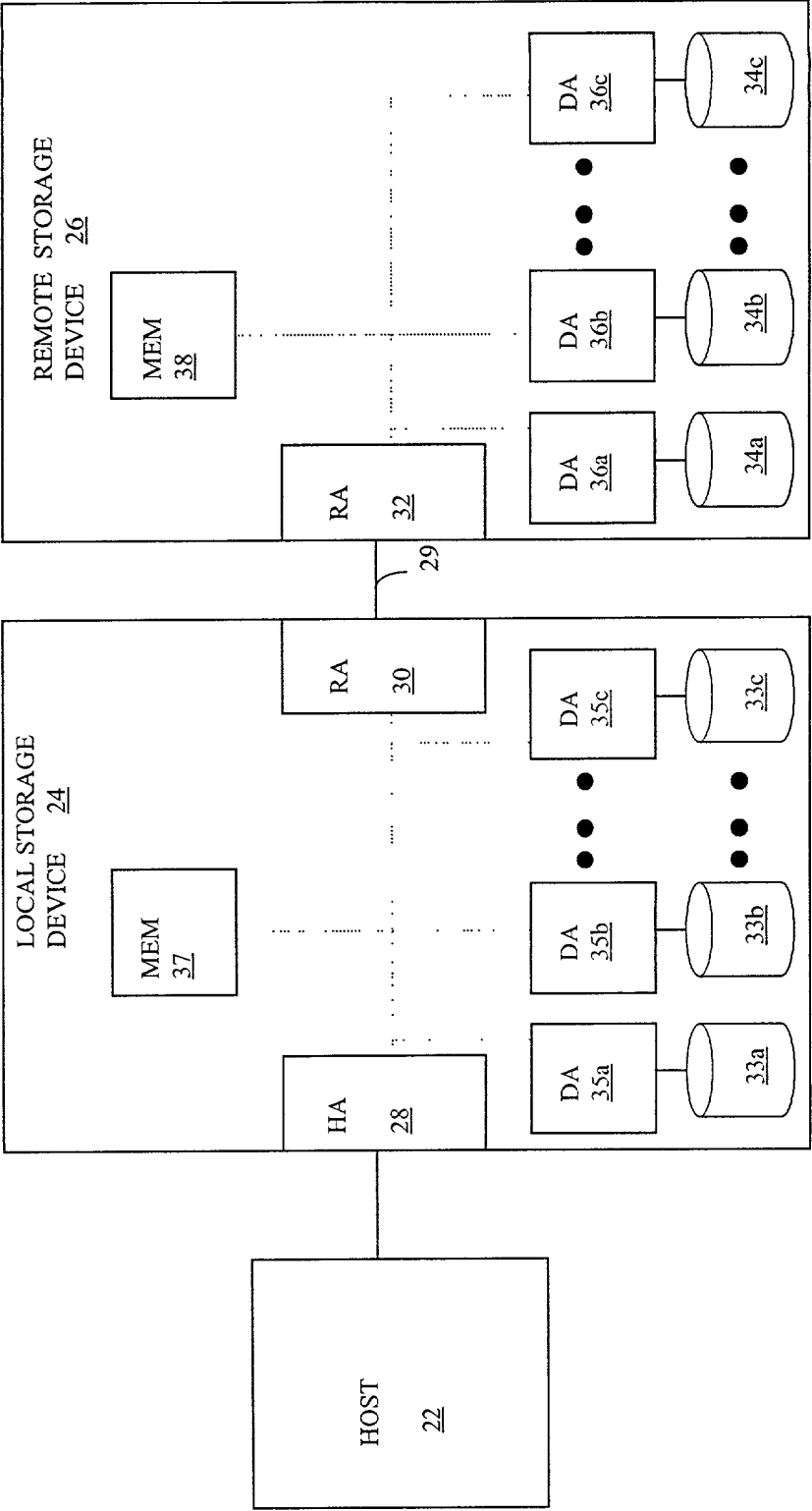
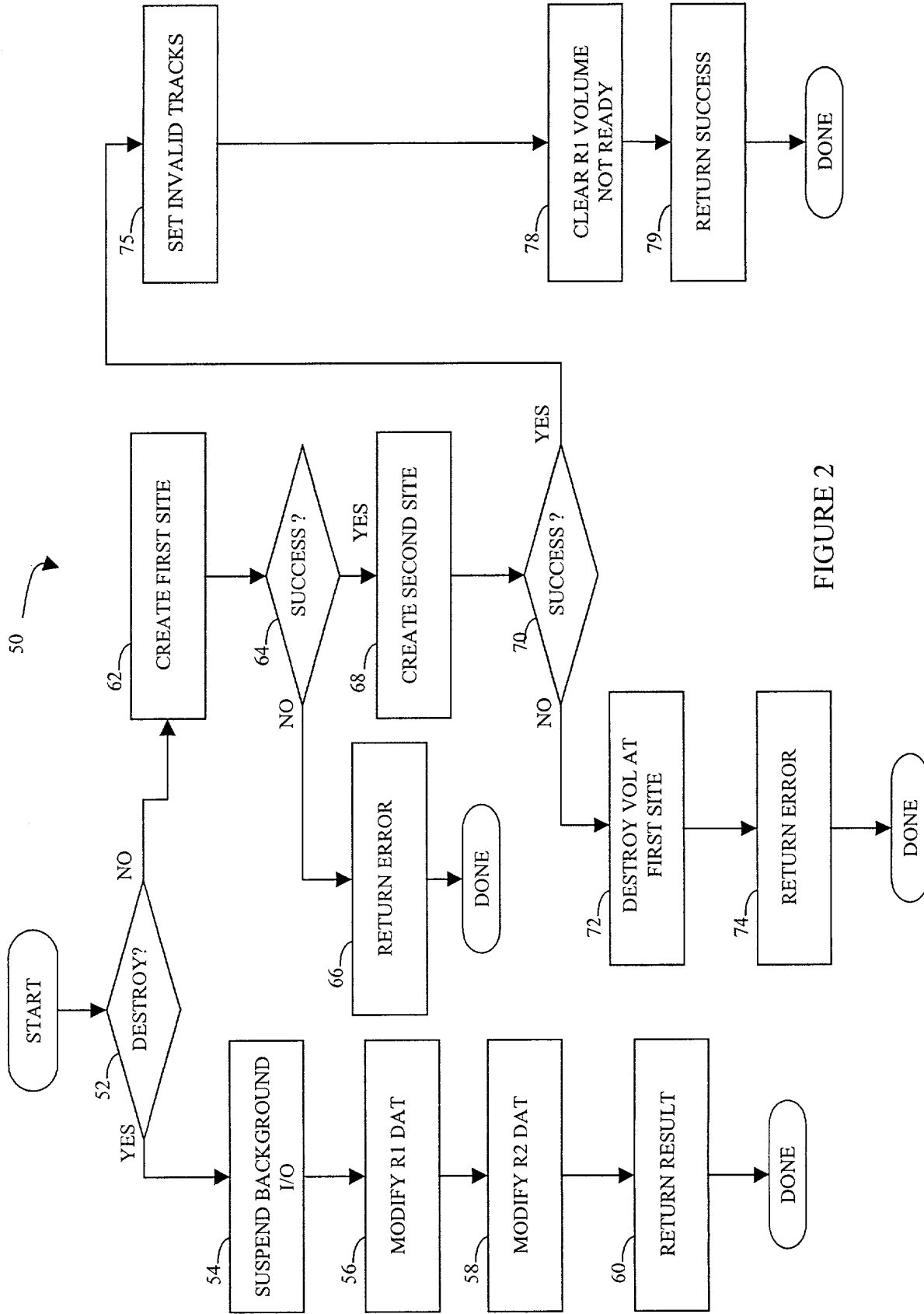


FIGURE 1



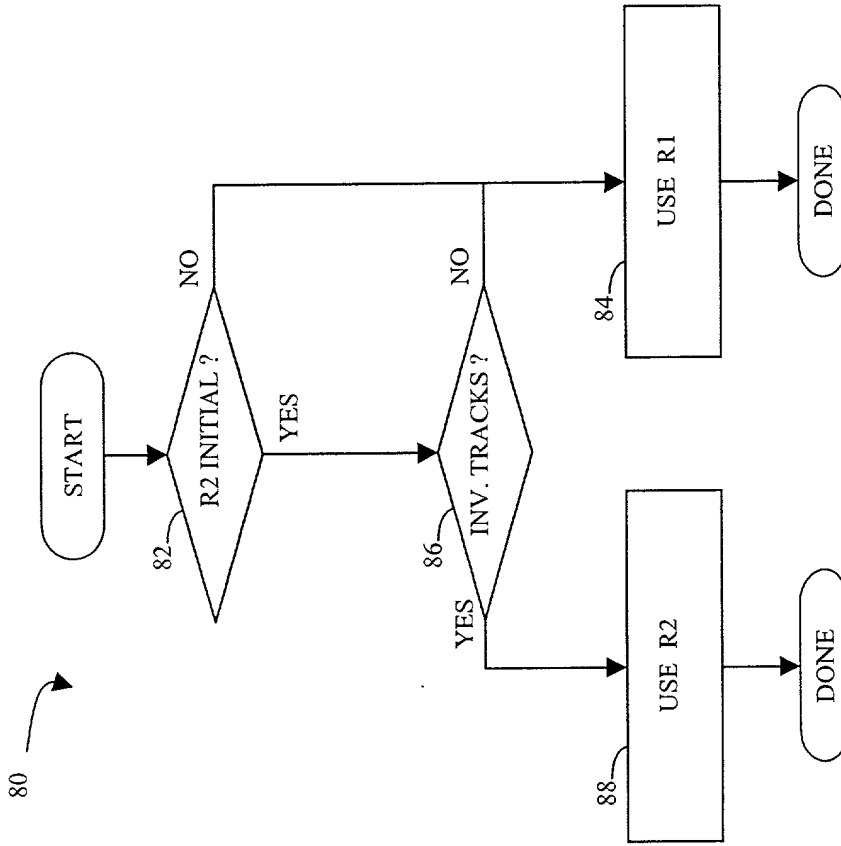


FIGURE 3

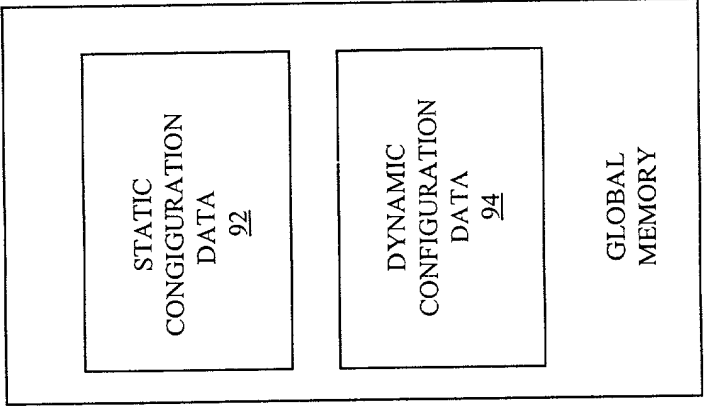


FIGURE 4

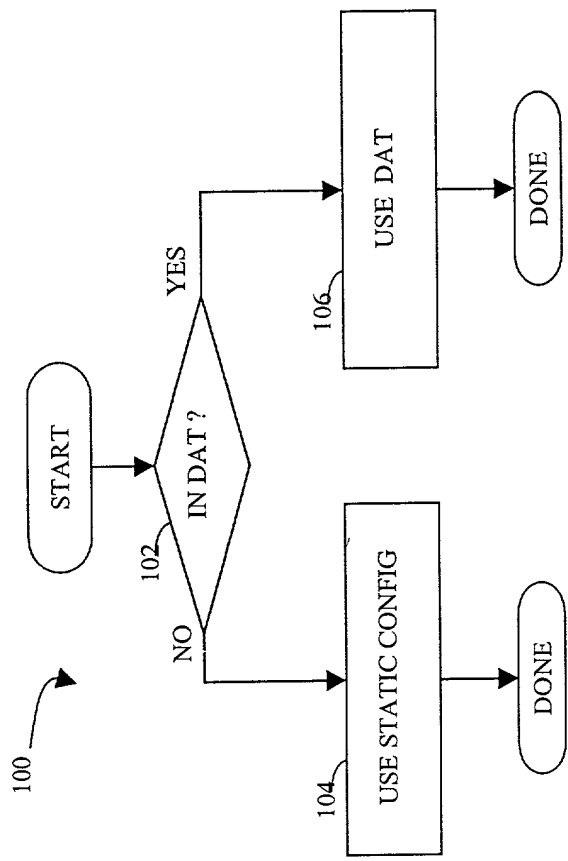


FIGURE 5

FIG. 6 is a block diagram of a storage device 110. The storage device 110 includes a host interface 112, a host adapter 113, a host adapter 114, a data adapter 116, a data adapter 117, a data adapter 118, a global memory 124, a read adapter 126, and a read adapter 128. The host interface 112, host adapter 113, and host adapter 114 are connected to a bus 130. The data adapter 116, data adapter 117, and data adapter 118 are also connected to the bus 130. The global memory 124 is connected to the bus 130. The read adapter 126 and read adapter 128 are connected to the bus 130. The storage device 110 is connected to a storage device 110.

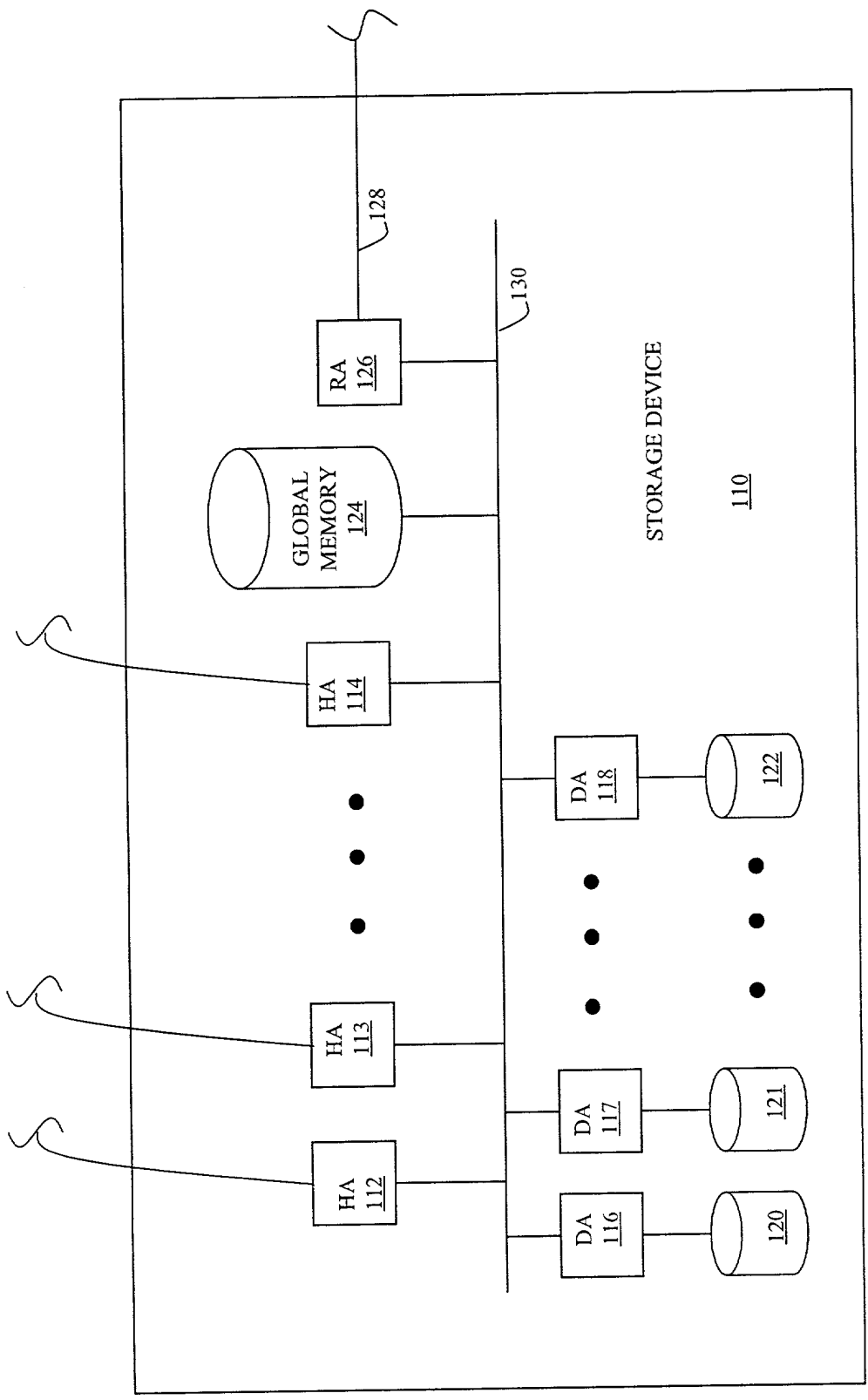


FIGURE 6

FIG. 7 is a block diagram of a data structure 150. The data structure 150 includes a first set of data 152 and a second set of data 154. The first set of data 152 is a 2x5 grid of cells, and the second set of data 154 is a 2x5 grid of cells. A dashed line connects the first set of data 152 to the second set of data 154, indicating a relationship or mapping between the two sets of data.

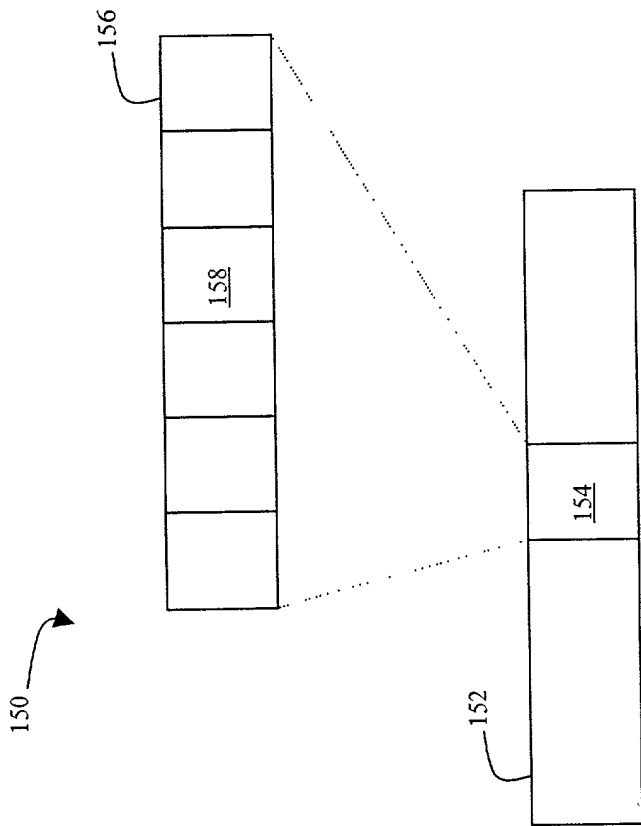


FIGURE 7

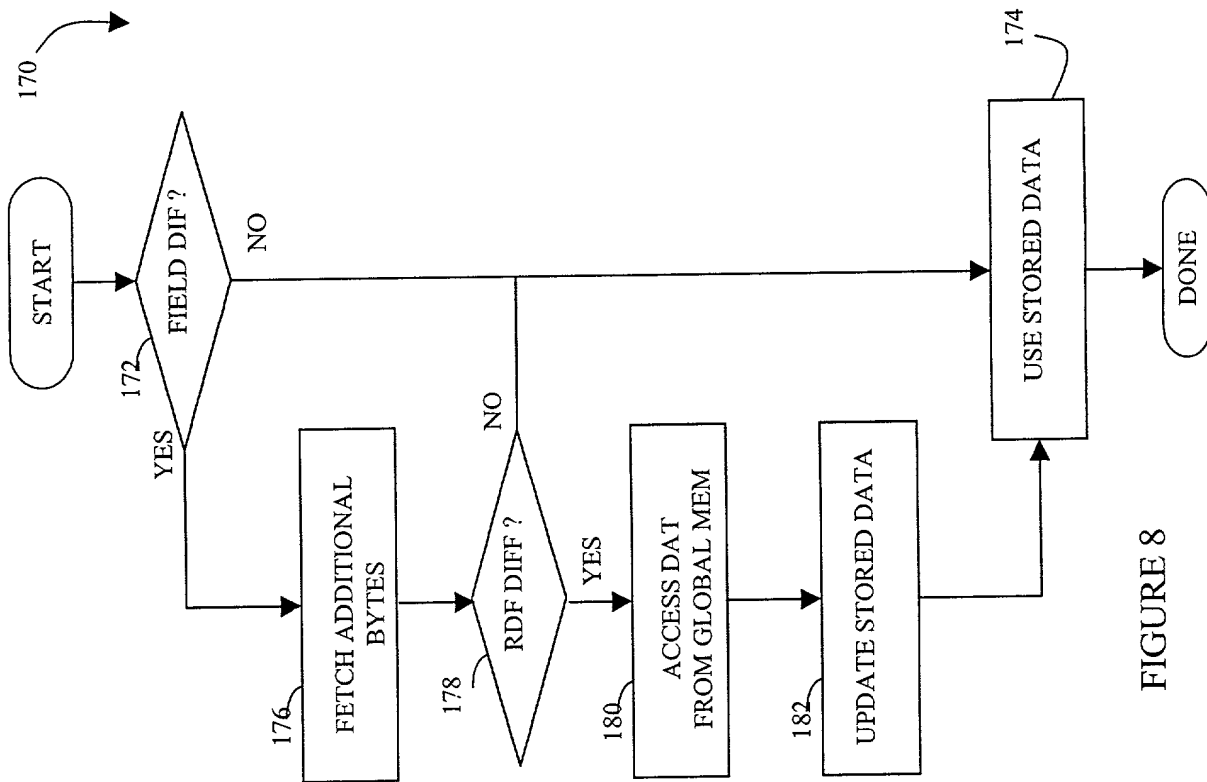


FIGURE 8

FIG. 9 is a flowchart illustrating a process for managing data. The process begins at a START terminal, leading to a decision diamond labeled 52, "DESTROY?". If the answer is YES, the process proceeds to "TO STEP 54". If the answer is NO, the process proceeds to a decision diamond labeled 53, "CREATE?". If the answer to 53 is YES, the process proceeds to "TO STEP 62". If the answer to 53 is NO, the process proceeds to a rectangular block labeled 192, "SET DEV NOT READY FOR R1". This is followed by a rectangular block labeled 194, "MODIFY DAT'S", then a rectangular block labeled 196, "CLEAR R1 VOLUME NOT READY", then a rectangular block labeled 198, "RETURN RESULT", and finally a DONE terminal.

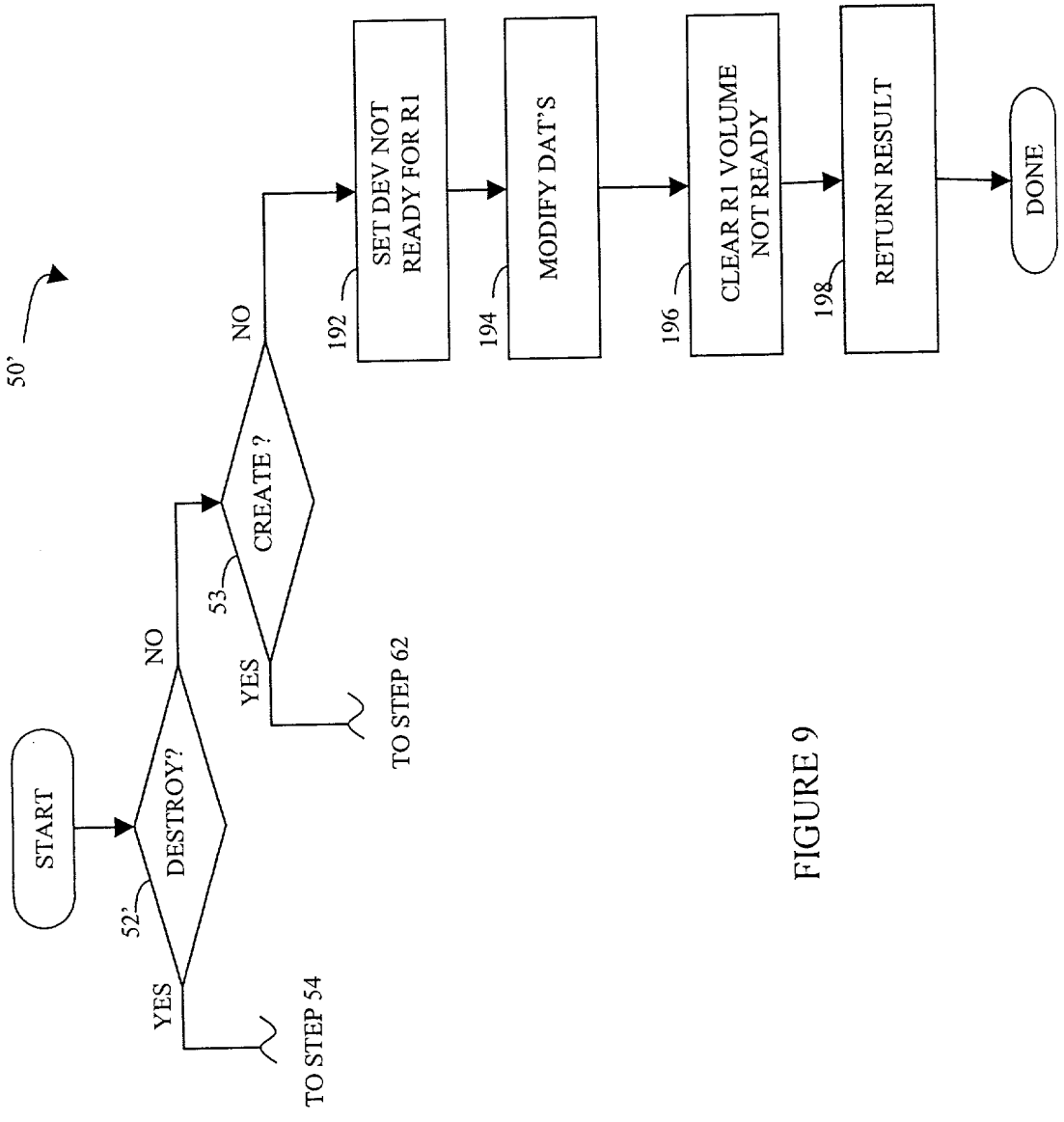


FIGURE 9